

Technical Bulletin

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Subject: R-10 RELAY VALVE INSTALLATION

When installing an aluminum adapter, such as 243505 (catalog page 03-B-7), in the supply port of the R-10, a thread lubricant and sealer should be used. This is necessary because the valve body and adapter are both aluminum and as the adapter is threaded into the body, the friction and torque will cause the threads to bond together prohibiting subsequent removal of the parts. Maximum torque when installing 243505 is 180-240 inch pounds.

Examples of the type of sealant/lubricant that can be used are Never-Seez or Loctite Thread Sealant with Teflon or Teflon tape. If Teflon tape is used, apply the tape at least one thread back from the end. This assures that tape shreds will not enter the valve.

Lubricant/sealants must be used when male and female pipe threads of similar materials are joined.